

## **ABSTRACT**

Diabetic foot ulcer is a historically important disease which has been managed in myriad ways over the ages. Dressings form an important aspect of the treatment protocol. Here efficacy some of the newer dressings-namely collagen,alginate,topical hydrogel were compared with that of the conventional saline dressing. The study was done over a period of 6 months from March to October 2016 among 100 consenting diabetic foot ulcer patients admitted to Govt.Rajaji Hospital,Madurai.It was found out that patients in the collagen group had faster development of granulation tissue, shorter hospital stay and overall better healing. Even though the search for the ideal dressing material continues, among the materials studied here collagen appears superior.

**KEYWORDS:**Diabetic foot ulcer ,dressings,collagen,alginate,topical hydrogel,normal saline